

9 NNA GCC ACT GCA GCT CCC TGA GCA CTC TCT ACA GAG ACG CGG ACC CCA GAC ATG 54
 18 M
 27
 36
 45
 63 AGG AGG CTC CTC CTG GTC ACC AGC CTG GTG GTT GTG CTG TGG GAG GCA GGT 108
 72 R R L L V T S L V V V L L W E A G
 81
 90
 99
 117 GCA GTC CCA GCA CCC AAG GTC CCT ATC AAG ATG CAA GTC AAA CAC TGG CCC TCA 162
 126 A V P A P K V P I K M Q V K H W P S
 135
 144
 153
 171 GAG CAG GAC CCA GAG AAG GCC TGG GGC GCC CGT GTG GTG GAG CCT CCG GAG AAG 216
 180 E Q D P E K A W G A R V V E P P E K
 189
 198
 207
 225 GAC GAC CAG CTG GTG GTG CTG TTC CCT GTC CAG AAG CCG AAA CTC TTG ACC ACC 270
 234 D D Q L V V L F P V Q K P K L L T T
 243
 252
 261
 279 GAG GAG AAG CCA CGA GGT CAG GGC AGG GGC CCC ATC CTT CCA GGC ACC AAG GCC 324
 288 E E K P R G G Q G R G P I L P G T K A
 297
 306
 315

FIGURE 1A

333	TGG	ATG	GAG	ACC	GAG	GAC	ACC	CTG	GGC	CGT	GTC	CTG	360	AGT	CCC	GAG	CCC	GAC	378	CAT
	W	M	E	T	E	D	T	L	G	R	V	L		S	P	E	P	D		H
													351							
387	GAC	AGC	CTG	TAC	CAC	CCT	CCG	NCT	GAG	GAG	GAC	GAC	414	GGC	GAG	GAG	AGG	CCC	CGG	
	D	S	L	Y	H	P	P	X	E	E	D	Q		G	E	E	R	P		R
													405							
441	TTG	TGG	GTG	ATG	CCA	AAT	CAC	CAG	GTG	CTC	CTG	GGA	468	CCG	GAG	GAA	GAC	CAA	486	GAC
	L	W	V	M	P	N	H	Q	V	L	L	G		P	E	E	D	Q		D
													459							
495	CAC	ATN	TAC	CAA	CCC	CAG	TAG	GGN	TTC	AGG	GGC	CAT	522	NAG	TGN	CCC	CGG	CCT	540	GTT
	H	X	Y	Q	P	Q														
													513							
549	CCA	AGG	CCC	AGG	TGT	TNG	GAT	TGG	ACC	TTC	CTA	ACC	576	TGC	CCA	GTT	AGA	CAA	594	ATA
													567							
													585							

AAA C

FIGURE 1B

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1	M	R	R	L	L	L	V	T	S	L	V	V	L	L	W	E	A	G	A	V	P	A	P	K	V	P	I	K	M	2235738	
1	M	K	R	F	L	L	A	T	C	L	V	A	A	L	L	W	E	A	G	A	R	P	A	H	Q	V	P	V	K	T	GI 899433
31	Q	V	K	H	W	P	S	E	Q	D	P	E	K	A	W	G	A	R	V	V	E	P	P	E	K	D	D	Q	L	V	2235738
31	K	G	K	H	V	F	P	E	Q	E	T	E	K	V	W	D	T	R	A	L	E	P	L	E	K	D	N	Q	L	G	GI 899433
61	V	L	F	P	V	Q	K	P	K	L	L	T	T	E	E	K	P	R	G	Q	G	R	G	P	I	L	P	G	T	K	2235738
61	P	L	L	P	E	P	K	Q	K	P	A	A	E	E	K	R	-	-	-	-	-	-	-	-	-	-	P	D	A	M	GI 899433
91	A	W	M	E	T	E	D	T	L	G	R	V	L	S	P	-	-	-	-	E	P	D	H	D	S	L	Y	H	P	P	2235738
82	T	W	V	E	T	E	D	I	L	S	H	L	R	S	P	L	Q	G	P	E	L	D	L	D	S	I	D	H	P	M	GI 899433
117	X	E	E	D	Q	G	E	E	R	P	R	L	W	V	M	P	N	H	Q	V	L	L	G	P	E	E	D	Q	D	H	2235738
112	S	D	D	V	Q	D	E	E	V	P	Q	S	R	P	I	L	Y	R	Q	V	L	Q	G	P	E	E	D	L	D	H	GI 899433
147	X	Y	Q	P	Q	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2235738	
142	L	A	H	S	M	E	D	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	GI 899433	

FIGURE 2

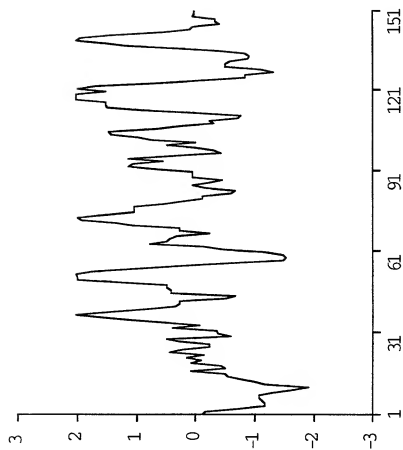


FIGURE 3A

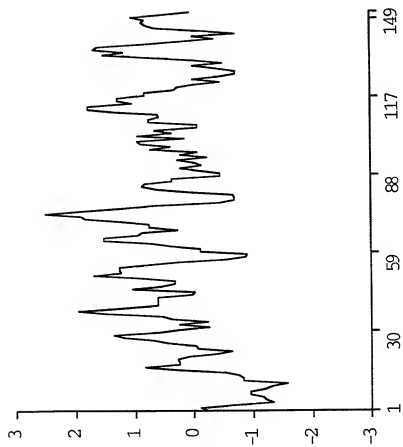


FIGURE 3B